

AVIATION IN NEBRASKA

Calendar Year 2003

Third Quarter (ending September 30, 2003)



This report provides an overview of aviation information in Nebraska. Aviation touches our lives in many ways particularly those that are involved in it hands on. It is my hope that this report is a source of information and a tool for you to use in understanding aviation and talking about with peers and policy makers.

Prepared by Nebraska Department of Aeronautics
Kent Penney, Director

This report is the seventh of its kind and you will note a number of airports have begun to add information regarding cargo. This information is still not complete but it is certainly great to begin seeing the level of activity that is occurring at our airports in Nebraska. Your continued input regarding the reports contents is always appreciated. In many places there are still blanks where information has not been found. Information, comments or corrections should be sent to:

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Iowa Aviation Agency

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FAA Central Region

Lincoln FSDO

Columbus AFSS

NWS Cheyenne

NWS Hastings

NWS North Platte

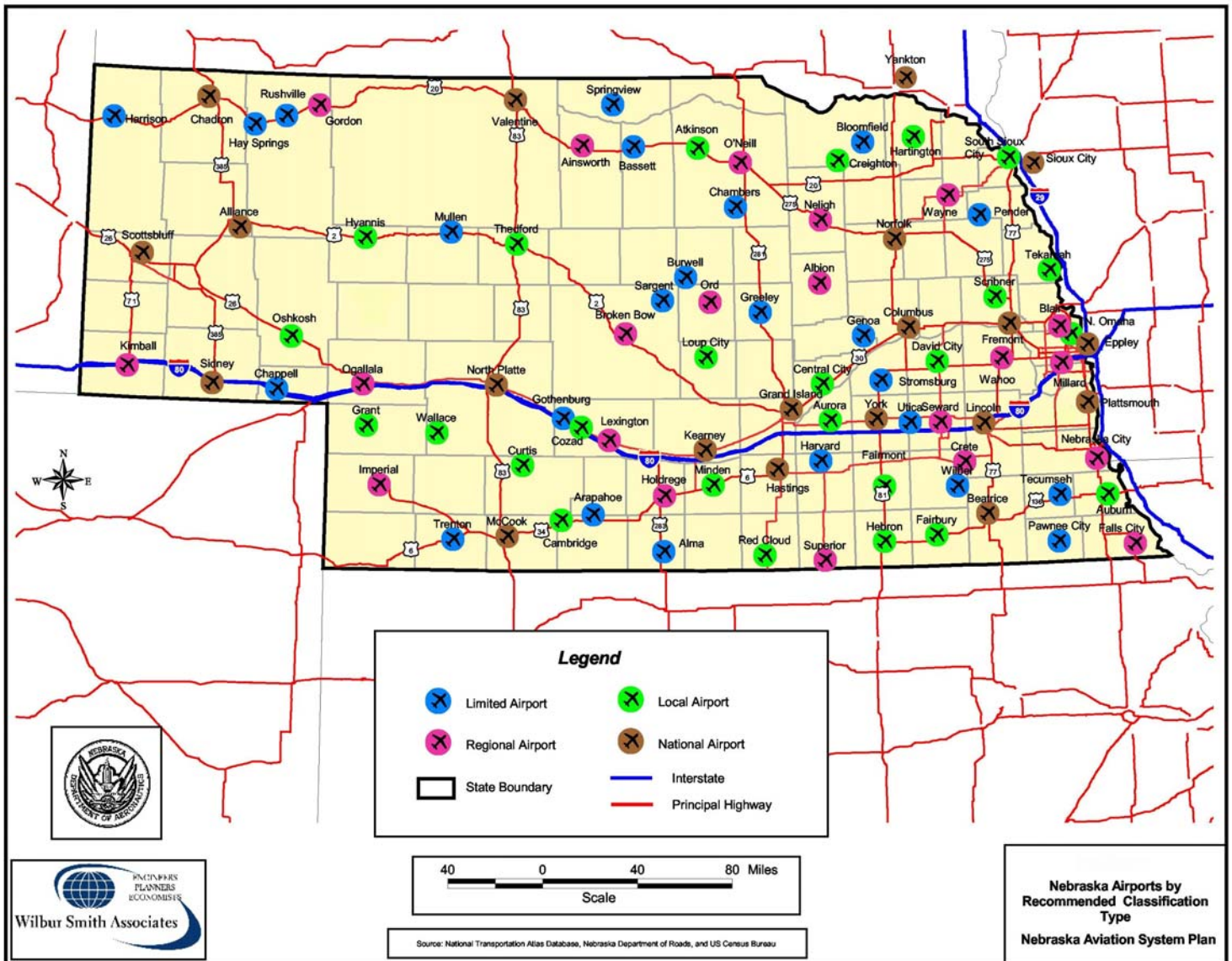
NWS Valley

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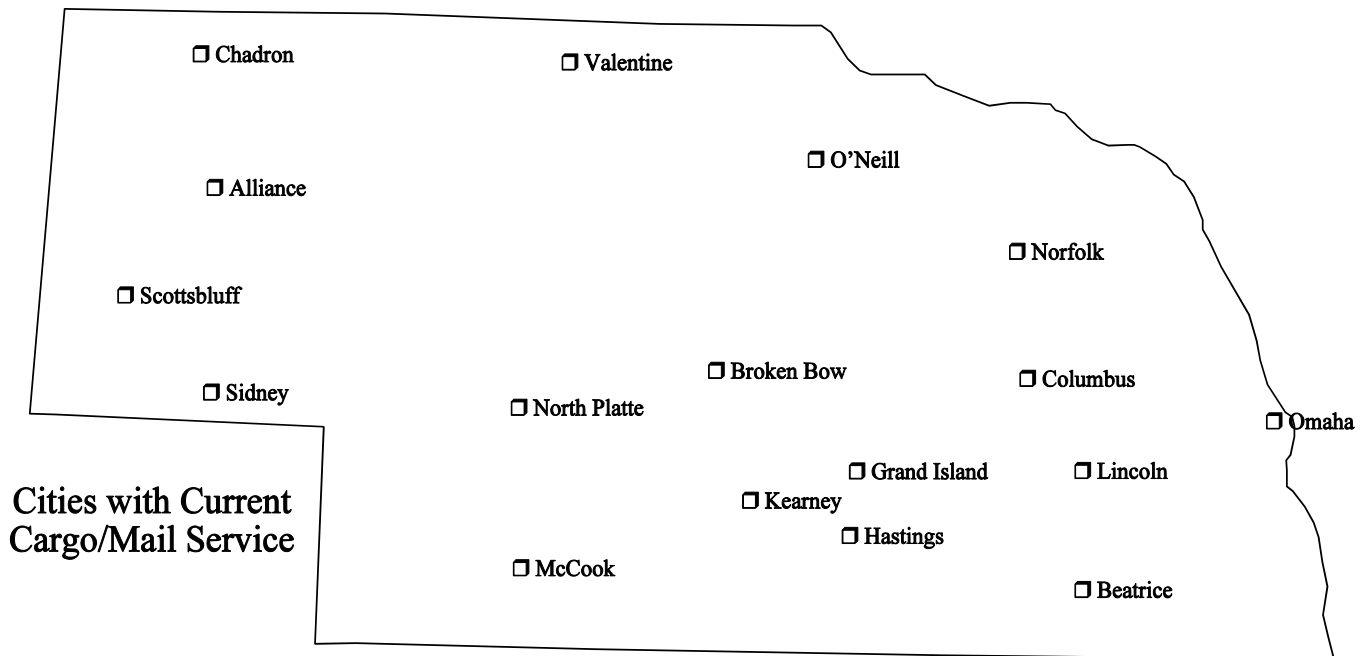
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Nebraska Public Use Airports

National		Regional		Local		Limited	
City	Airport	City	Airport	City	Airport	City	Airport
Alliance	Alliance Municipal	Ainsworth	Ainsworth Municipal	Atkinson	Stuart-Atkinson Municipal	Alma	Alma Municipal
Beatrice	Beatrice Municipal	Albion	Albion Municipal	Auburn	Farington Field	Arapahoe	Arapahoe Municipal
Chadron	Chadron Municipal	Blair	Blair Municipal	Aurora	Aurora Municipal	Bassett	Rock County
Columbus	Columbus Municipal	Broken Bow	Broken Bow Municipal	Cambridge	Cambridge Municipal	Bloomfield	Bloomfield Municipal
Fremont	Fremont Municipal	Crete	Crete Municipal	Central City	Central City Municipal	Burwell	Cram Field
Grand Island	Central Nebraska Regional	Falls City	Brenner Field	Cozad	Cozad Municipal	Chambers	Perkins Memorial
Hastings	Hastings Municipal	Gordon	Gordon Municipal	Creighton	Creighton Municipal	Chappell	Billy G Ray Field
Kearney	Kearney Municipal	Holdrege	Brewster Field	Curtis	Curtis Municipal	Genoa	Genoa Municipal
Lincoln	Lincoln Municipal	Imperial	Imperial Municipal	David City	David City Municipal	Gothenburg	Quinn Field
McCook	McCook Municipal	Kimball	Robert E. Arraj Field	Fairbury	Fairbury Municipal	Greeley	Greeley Municipal
Norfolk	Karl Stefan Memorial	Lexington	Jim Kelly Field	Fairmont	Fairmont State Airfield	Harrison	Harrison Sky Ranch
North Platte	North Platte Regional	Nebraska City	Nebraska City Municipal	Grant	Grant Municipal	Harvard	Harvard State Airfield
Omaha	Eppley Airfield	Neligh	Antelope County	Hartington	Hartington Municipal	Hay Springs	Hay Springs Municipal
Plattsmouth	Plattsmouth Municipal	Ogallala	Searle Field	Hebron	Hebron Municipal	Mullen	Hooker County
Scottsbluff	Western Nebraska Regional	Omaha	Millard Airport	Hyannis	Grant County	Pawnee City	Pawnee City Municipal
Sidney	Sidney Municipal	O'Neill	John L. Baker Field	Loup City	Loup City Municipal	Pender	Pender Municipal
Valentine	Miller Field	Ord	Evelyn Sharp Field	Minden	Pioneer Village Field	Rushville	Modisett Airport
York	York Municipal	Seward	Seward Municipal	Omaha	North Omaha	Sargent	Sargent Municipal
		Superior	Superior Municipal	Oshkosh	Garden County	Springview	Springview Municipal
		Wahoo	Wahoo Municipal	Red Cloud	Red Cloud Municipal	Stromsburg	Stromsburg Municipal
		Wayne	Wayne Municipal	Scribner	Scribner State Airfield	Tecumseh	Tecumseh Municipal
				South Sioux City	Martin Field	Trenton	Trenton Municipal
				Tekamah	Tekamah Municipal	Utica	Flying "V"
				Thedford	Thomas County	Wilber	Wilber Municipal
				Wallace	Wallace Municipal		
Total	18	Total	21	Total	25	Total	24



Nebraska Annual Cargo & Mail (Metric Tons)



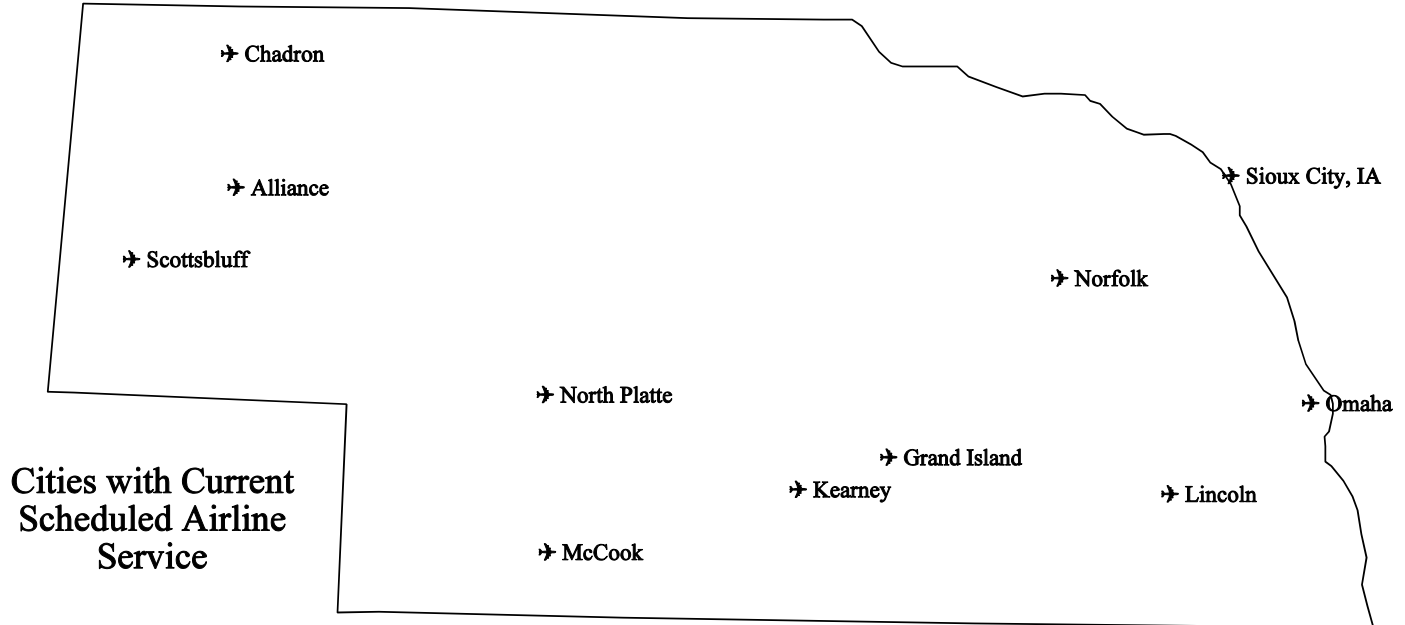
	Companies						1999	2000	2001	2002	2003 Jan-Sep	2003 Projected
	AB	BAX	FE	UPS	USPS	AirL						
Alliance					x	x		2.2	1.4	6.7	0.1	0.2
Beatrice				x				147.5	180.4	124.2	118.8	158.4
Broken Bow				x				81.6	10.0		14.6	19.4
Chadron						x		4.6	0.3	0.0		
Columbus				x					0.0			
Grand Island	x		x	x	x	x		4.1	0.0			
Hastings				x					0.0			
Kearney				x		x		334.2	311.4	326.4	168.1	224.1
Lincoln						x	1,182.7	1,180.2	601.4	63.7	38.9	51.9
McCook				x		x		6.3	20.1	1.0	1.0	1.3
Norfolk				x		x		0.1	0.0		0.0	0.0
North Platte	x		x	x	x	x	750.5	855.4	696.2	826.4	538.3	717.6
Omaha	x	x	x	x	x	x	113,024.2	114,291.1	99,080.9	89,829.8	64,523.9	86,031.8
O'Neill				x				26.5	26.5	26.5	19.9	26.5
Scottsbluff	x		x	x		x		9.6	4.8	3.7	5.4	7.2
Sidney				x								
Valentine				x								
Total							114,957.4	116,943.4	100,933.4	91,208.4	65,429.0	87,238.4

AB - Airborne Express; BAX - BAX Global; FE - Federal Express; UPS - United Parcel Service; USPS - U.S. Postal Service; AirL - Airlines
Metric Ton = 2,204.62 pounds

Many airports have found it difficult to gather the cargo and mail number from operators. This does not mean that there is little activity it merely means it is difficult to gather the operational data. In addition, information comes from both airlines and cargo operators. The information from Alliance, Chadron, McCook, Norfolk and Scottsbluff reflect only airline activity. The information is not currently available from the dedicated cargo operators at these locations.

Nebraska Annual Enplanements (Boardings)

→ Rapid City



Nebraska/Area Annual Enplanements (Boardings)

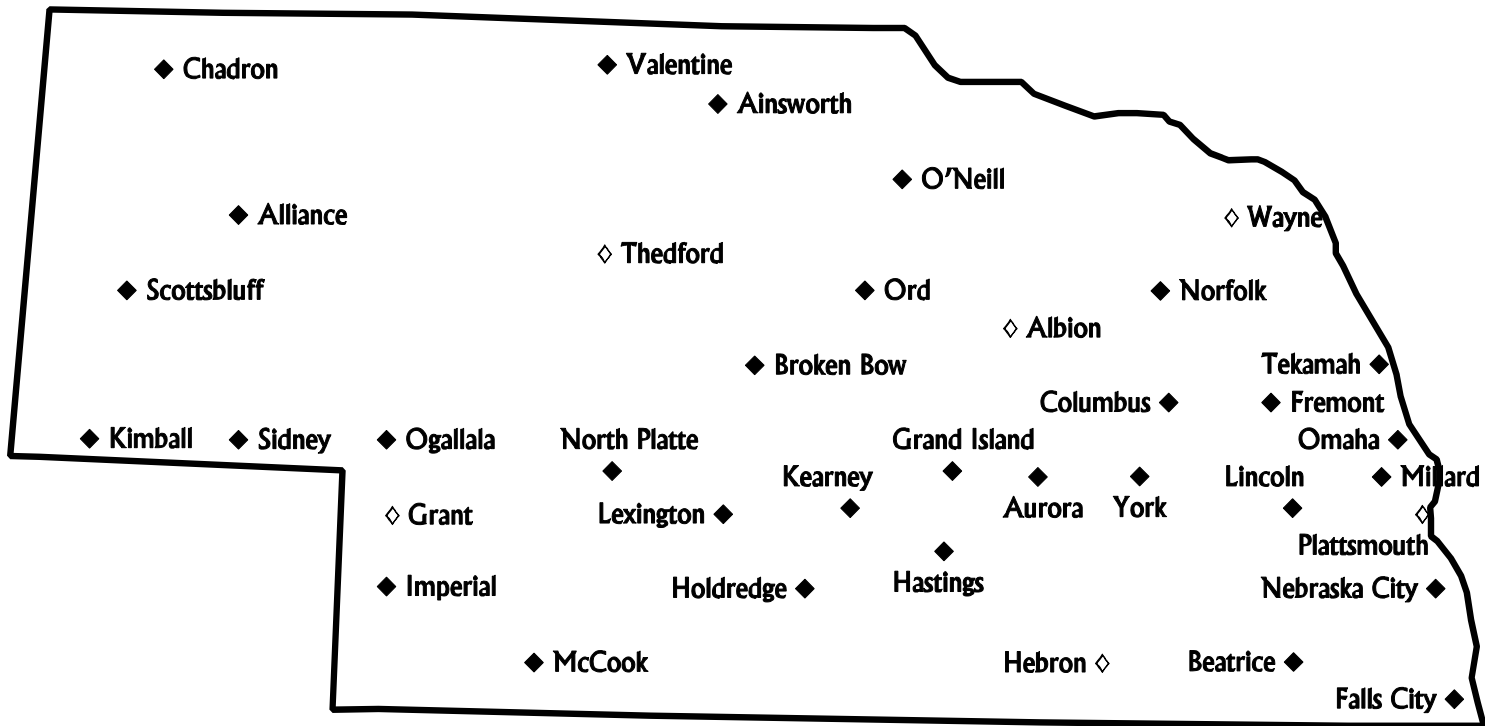
	1996	1997	1998	1999	2000	2001	2002	2003 (Jan-Sep)	2003 Projected
Alliance	619	1,021	1,827	1,479	1,346	754	836	747	996
Chadron	466	1,303	2,014	1,735	2,086	1,375	976	1,091	1,455
Grand Island	16,749	16,496	18,388	13,063	12,362	7,730	5,434	4,500	6,000
Hastings	515								
Kearney	917	1,070	5,513	7,720	10,463	7,042	4,923	3,981	5,308
Lincoln	254,895	257,640	245,679	281,169	262,919	234,074	230,389	154,493	205,991
McCook	886	1,537	2,744	2,307	2,454	2,058	1,719	1,242	1,656
Norfolk	2,212	1,138	1,654	1,903	2,670	1,709	1,243	946	1,261
North Platte	10,016	11,699	10,089	8,094	9,017	6,637	5,662	4,391	5,855
Omaha	1,750,091	1,732,704	1,816,963	1,836,457	1,861,057	1,773,894	1,811,033	1,386,597	1,848,796
Rapid City, SD	182,510	170,303	175,568	195,209	197,525	186,774	215,830	168,603	224,804
Scottsbluff	11,645	14,935	12,220	12,219	12,566	11,042	8,540	5,757	7,676
Sioux City, IA	101,618	102,847	90,277	89,563	85,684	89,709	56,199	41,561	55,415
Total	2,333,139	2,312,693	2,382,936	2,450,918	2,460,149	2,322,798	2,342,784	1,773,909	2,365,213

1994-2001 enplanements are official U.S. DOT numbers, 2002 & 2003 enplanements are reported by individual airports

It is apparent that the enplanements for Grand Island, Kearney, North Platte and Scottsbluff will likely be below 10,000 again in 2003. This is likely to be the case for years to come unless some dramatic changes occur to improve their airline service. In 1999, North Platte fell below 10,000 and in 2001, Grand Island, Kearney and Scottsbluff fell below but in the case of Grand Island, Kearney and Scottsbluff, their status as a primary airport has been maintained due to a change by Congress to recognize the influence of the economic downturn beginning in 2000 and the terrorist attacks in 2001.

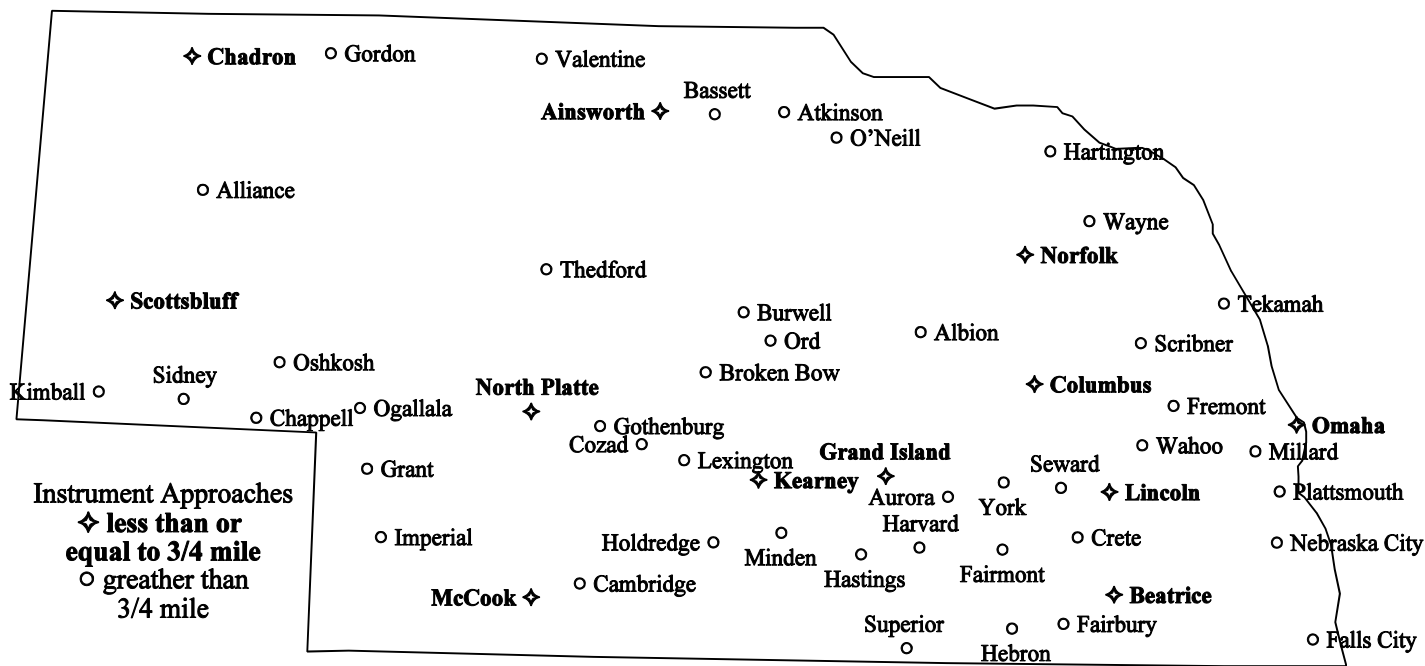
Should these airports be categorized as non-primary they would no longer be for primary airport entitlement monies, recently allocated at \$1,000,000 per year, minimum, for each primary category airport. This has helped accomplish a number of projects particularly at Scottsbluff, Grand Island and North Platte. Grand Island and North Platte have been in the primary category since 1966 and sometime before 1962 for Scottsbluff according to our records.

Nebraska Weather Reporting Locations



ID	Location	Facility	Owner	Freq.	Telephone	ID	Location	Facility	Owner	Freq.	Telephone
KANW	Ainsworth	AWOS III	NDA	118.325	(402) 387-2329	KLNK	Lincoln	ASOS	NWS	ATIS	(402) 474-9214
	Albion	AWOS III	NDA	planned for 2004		KMCK	McCook	ASOS	FAA	119.025	(308) 345-1193
KAIA	Alliance	ASOS	FAA	135.075	(308) 762-1221	KMLE	Millard	AWOS III	NDA	118.250	(402) 895-6778
KAUH	Aurora	AWOS III	NDA	121.225	(402) 694-5472	KAFK	Nebraska City	AWOS III	NDA	128.325	(402) 873-7375
KBIE	Beatrice	AWOS III	NDA	110.600	(402) 228-3229	KOFK	Norfolk	ASOS	NWS	119.025	(402) 644-4480
KBBW	Broken Bow	ASOS	FAA	120.000	(308) 872-5354	KLBF	North Platte	ASOS	NWS	118.425	(308) 534-1617
KCDR	Chadron	ASOS	FAA	118.050	(308) 432-5574	KOGA	Ogallala	AWOS III	NDA	121.275	(308) 284-6573
KOLU	Columbus	AWOS III	FAA	125.525	(402) 563-3895	KOMA	Omaha	ASOS	FAA	ATIS	(402) 344-0324
KFNB	Falls City	ASOS	FAA	119.275	(402) 245-5948	KOFF	Offutt AFB	Observer			
KFET	Fremont	AWOS III	NDA	121.275	(402) 727-9135	KONL	O'Neill	AWOS III	NDA	121.125	(402) 336-4834
KGRI	Grand Island	ASOS	NWS	ATIS	(308) 382-5590	KODX	Ord	ASOS	FAA	119.925	(308) 728-7954
	Grant	AWOS III	NDA	planned for 2004			Plattsmouth	AWOS III	NDA	planned for 2005	
KHSI	Hastings	ASOS	FAA	120.525	(402) 463-4029	KBFF	Scottsbluff	ASOS	NWS	121.025	(308) 632-8949
	Hebron	AWOS III	NDA	planned for 2004		KSNY	Sidney	ASOS	FAA	118.025	(308) 254-3525
KHDE	Holdredge	AWOS III	NDA	121.325	(308) 995-6433	KTQE	Tekamah	ASOS	FAA	127.275	(402) 374-2853
KIML	Imperial	ASOS	FAA	124.175	(308) 882-5186		Thedford	AWOS	NDA	planned for 2004	
KEAR	Kearney	AWOS III	FAA	123.875	(308) 237-5608	KVTN	Valentine	ASOS	NWS	118.075	(402) 376-1673
KIMB	Kimball	AWOS III	NDA	118.075	(308) 235-2516		Wayne	AWOS III	NDA	planned for 2005	
KLXN	Lexington	AWOS III	NDA	121.025	(308) 324-5975	KJYR	York	AWOS III	NDA	124.175	(402) 362-3785

ASOS - Automated Surface Observation System AWOS III - Automated Weather Observation System



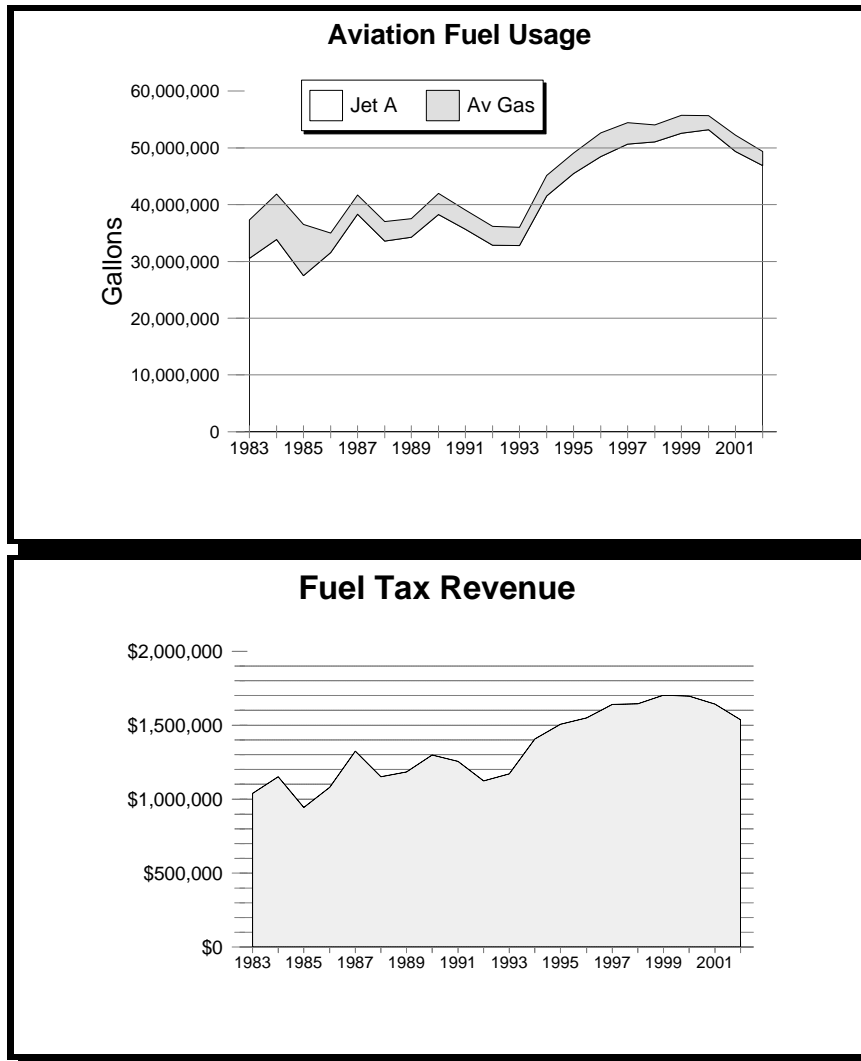
Standard Instrument Approach Procedures (SIAP)		
Type/Number of Approaches	1997	2003
ILS (Instrument Landing System)	13	14
LOC (Localizer) or LOC BC (Localizer Back Course)	3	3
VOR (VHF Omni-Directional Range)	18	33
VOR or GPS	39	12
VOR/DME (VOR with Distance Measuring Equipment) or GPS		6
VOR/DME or GPS (VOR/DME with Area Navigation) or TACAN (Tactical Air Navigation)	3	13
NDB (Non-Directional Beacon)	24	44
NDB or GPS	25	6
RNAV/GPS (Global Positioning System)	22	90
Total	147	221
Number of Airports with a SIAP	55	56
Average Minimum Descent Altitude (MDA) in feet (i.e. height above terrain)	545	517

Nebraska Aviation Fuel Usage

	Jet A gallons	Av Gas gallons	Taxes \$'s
1983	30,575,064	6,690,774	1,039,099
1984	33,851,537	8,003,940	1,151,096
1985	27,473,376	9,026,693	944,497
1986	31,555,417	3,435,914	1,078,835
1987	38,347,529	3,323,100	1,323,880
1988	33,600,693	3,463,126	1,151,290
1989	34,281,605	3,224,746	1,184,028
1990	38,253,761	3,724,274	1,299,175
1991	35,641,968	3,415,845	1,256,429
1992	32,862,615	3,285,893	1,121,566
1993	32,825,716	3,214,276	1,171,293
1994	41,555,301	3,578,831	1,407,676
1995	45,499,705	3,582,237	1,504,604
1996	48,431,242	4,217,861	1,548,848
1997	50,638,221	3,790,552	1,640,696
1998	51,065,186	3,006,987	1,645,336
1999	52,596,165	3,128,347	1,701,969
2000	53,190,275	2,504,026	1,696,849
2001	49,392,970	2,803,132	1,641,372
2002	46,861,338	2,512,152	1,534,629
2003 year-to-date	32,259,798	1,698,537	1,117,490
2003 projected	48,389,697	2,547,806	1,489,986

Year to Date – Gallons - Aug, Fuel Taxes - Sep.

Fuel Tax Rates — \$0.03/gallon - Jet Fuel \$0.05/gallon - Aviation Gasoline

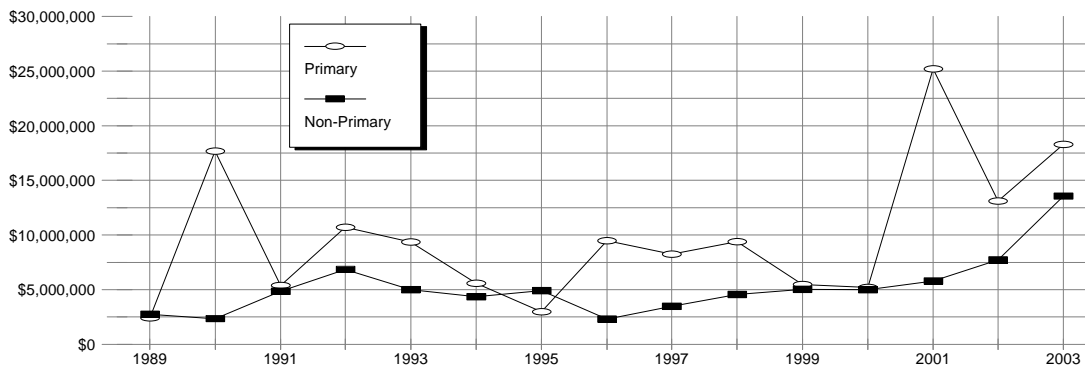


Nebraska Airport Construction Funding

by the year the grant was executed (not the year of construction)

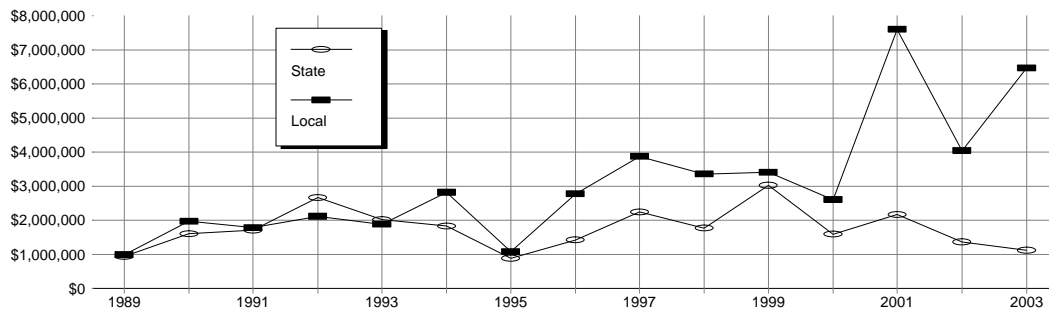
		1996	1997	1998	1999	2000	2001	2002	2003 Jan-Sep
Federal Funded									
Primary Airports	Federal	9,463,540	8,253,082	9,380,616	5,466,150	5,207,877	25,197,705	13,094,354	18,278,211
	State	128,596	117,340	131,468	152,451	153,190	167,194	386,449	250,000
	Local	1,198,379	2,179,671	2,269,276	1,664,166	1,178,907	6,197,892	3,015,398	3,069,186
	Total	10,790,515	10,550,093	11,781,360	7,282,767	6,539,974	31,562,791	16,496,201	21,597,397
Non-Primary Airports	Federal	2,299,667	3,477,551	4,557,040	5,003,592	4,992,947	5,795,407	7,699,750	13,557,006
	State	90,467	130,040	151,901	178,471	185,826	201,427	281,251	323,714
	Local	688,821	270,589	354,435	377,484	446,513	461,865	576,787	1,280,814
	Total	3,078,955	3,878,181	5,063,376	5,559,547	5,625,286	6,458,699	8,557,788	15,161,534
State Funded									
State Aid	State	661,412	1,065,303	1,334,984	1,849,404	718,577	1,241,242	560,399	74,918
	Local	374,342	859,041	644,020	637,452	697,274	639,407	189,543	18,729
	Total	1,035,754	1,924,344	1,979,004	2,486,856	1,415,851	1,880,649	749,942	93,647
Hangars	State	528,496	776,569	115,995	763,761	454,864	518,228	131,500	466,760
	Local	502,970	478,738	67,336	558,760	194,941	268,562	257,969	2,100,040
	Total	1,031,466	1,255,307	183,331	1,322,521	649,805	786,790	389,469	2,566,800
Fuel Facilities	State	10,602	151,722	32,200	78,604	73,800	33,100	0	0
	Local	4,544	79,355	15,447	169,030	85,200	33,100	0	0
	Total	15,145	231,077	47,647	247,634	159,000	66,200	0	0
Applicator Aprons	State	0	0	0	0	0	0	0	0
	Local	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0
Totals	Federal	11,763,207	11,730,633	13,937,656	10,469,742	10,200,824	30,993,112	20,794,104	31,835,217
	State	1,419,573	2,240,975	1,766,548	3,022,691	1,586,257	2,161,191	1,359,599	1,115,392
	Local	2,769,056	3,867,393	3,350,514	3,406,892	2,602,835	7,600,826	4,039,697	6,468,769
	Total	15,951,835	17,839,001	19,054,718	16,899,325	14,389,916	40,755,129	26,193,400	39,419,378

Federal Funding



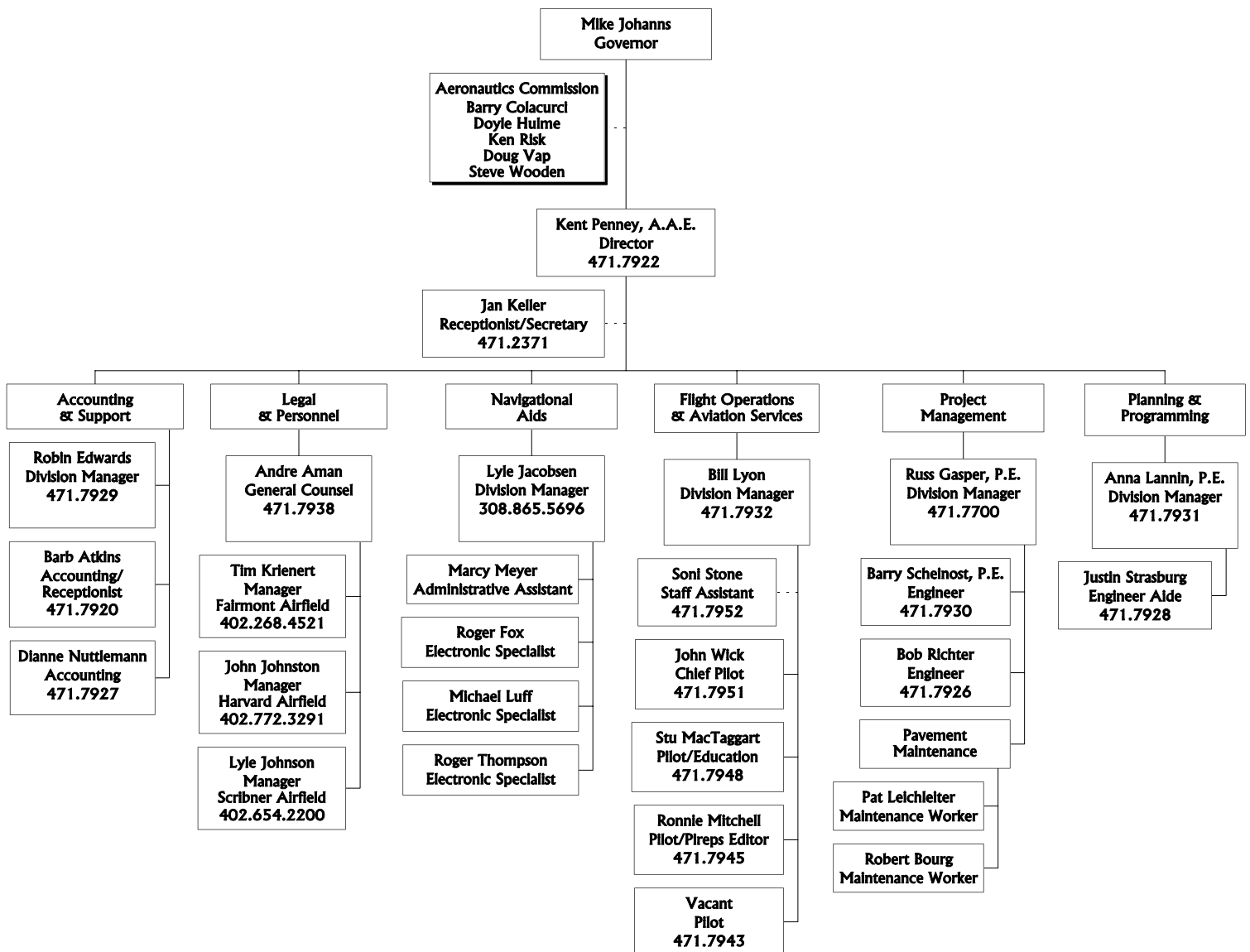
State/Local Funding

Totals for All Construction



Nebraska Department of Aeronautics Organization Chart

Revised — Sept 1, 2003



Mission

Encourage and Facilitate the Development and Use of Aviation in Nebraska

www.aero.state.ne.us

All Phone Numbers area code 402 unless otherwise indicated

Main Phone 471.2371

Conference Room Phone 471.7916

Nebraska Department of Aeronautics

Annual Budget for the Fiscal Year ending 06/30/04

		Development & Enforcement	Public Airports				State Owned Aircraft		Agency Total
		Administration	State Owned Airfields	Navigational Aids	Airport Development	Pavement Maintenance	Flight Operations	Aircraft Overhaul/ Reserve	
Revenues									
45000	Taxes	1,575,000							1,575,000
46000	Intergovernmental			180	23,764,793				23,764,973
47000	Sales & Charges	10	25,000	144,000		77,250			246,260
48000	Miscellaneous	200,000	292,050				422,171	75,000	989,221
49000	Other Sources	100	402,000	150			(22,000)	22,000	402,250
Total		1,775,110	719,050	144,330	23,764,793	77,250	400,171	97,000	26,977,704
Expenditures									
51000	Personal Services	467,098	141,151	306,318	455,944	83,441	164,347		1,618,299
52000	Operating	154,689	188,050	89,485	493,150	42,600	412,279	37,000	1,417,253
57000	Travel	18,425	2,775	45,365	13,200	11,400	9,600		100,765
58000	Capital Outlay		63,560	23,000	450,000	3,000		32,500	572,060
59000	Government Aid	31,500			23,353,204				23,384,704
Total		671,712	395,536	464,168	24,765,498	140,441	586,226	69,500	27,093,081
Excess (Deficiency) of Revenues over Expenditures		1,103,398	323,514	(319,838)	(1,000,705)	(63,191)	(186,055)	27,500	(115,377)

Year-to-Date as of 09/30/03 for the Fiscal Year ending 06/30/04

The percentages are the amount of the budget used. The percentage of Fiscal Year completed is 25.0%

		Development & Enforcement	Public Airports				State Aircraft		Agency Total	
		Administration	State Owned Airfields	Navigational Aids	Airport Development	Pavement Maintenance	Flight Operations	Aircraft Overhaul/ Reserve		
Revenues										
45000	Taxes	416,239							416,239	26.4
46000	Intergovernmental				2,998,806				2,998,806	12.6
47000	Sales & Charges		12,400	35,631	1,699	13,853			63,583	25.8
48000	Miscellaneous	62,727	79,825				91,937	4,282	238,772	24.1
49000	Other Sources	19	54,383						54,402	13.5
Total		478,985	146,608	35,631	3,000,505	13,853	91,937	4,282	3,771,802	14.0
Expenditures										
51000	Personal Services	88,219	31,929	65,618	86,884	12,793	30,781		316,225	19.5
52000	Operating	46,346	49,100	11,985	63,458	9,286	124,340		304,514	21.5
57000	Travel	4,447	675	10,850	2,958	3,574	1,269		23,773	23.6
58000	Capital Outlay			13,315		50,901			64,216	11.2
59000	Government Aid				2,806,380				2,806,380	12.0
Total		139,013	81,704	101,767	2,959,680	76,554	156,390	0	3,515,108	13.0
Excess (Deficiency) of Revenues over Expenditures		339,972	64,904	(66,137)	40,825	(62,701)	(64,453)	4,282	256,694	
Number of Employees (FTE)		6.50	3.00	5.00	7.00	2.00	2.50		26.00	